

# Sunil P. Verma, M.D. *OTOLARYNGOLOGY-HEAD AND NECK SURGERY LARYNGOLOGY*

Department of Otolaryngology- Head & Neck Surgery  
University of California, Irvine School of Medicine  
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Orange, CA 92868

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## **ACADEMIC APPOINTMENT**

- 2016-pres Associate Professor  
Department of Otolaryngology–Head and Neck Surgery  
University of California, Irvine School of Medicine
- 2010-2016 Assistant Professor  
Department of Otolaryngology–Head and Neck Surgery  
University of California, Irvine School of Medicine
- 2009-2010 Clinical Instructor  
Division of Otolaryngology–Head and Neck Surgery, Department of Surgery  
University of Wisconsin-Madison School of Medicine and Public Health

## **EDUCATION**

- 1996-2000 Dartmouth College  
Double Major – A.B. awarded in Geography and Chemistry  
Foreign study completed in Prague, Czech Republic
- 2000-2004 Keck School of Medicine at the University of Southern California  
Medical Doctorate awarded

## **PROFESSIONAL TRAINING**

- 2004-2005 USC Keck School of Medicine, Department of Surgery  
Intern in General Surgery
- 2005-2009 USC Keck School of Medicine,  
Department of Otolaryngology – Head and Neck Surgery  
Resident in Otolaryngology – Head and Neck Surgery
- 2009-2010 University of Wisconsin -Madison School of Medicine and Public Health  
Department of Surgery, Division of Otolaryngology-Head and Neck Surgery  
Fellow in Laryngology- Disorders of Voice, Swallowing, and Breathing

## **DIRECTORSHIPS AND AFFILIATIONS**

- 2014-pres Consultant  
California State University Fullerton Department of Music
- 2011-pres Director, University Voice and Swallowing Center, Division of Laryngology  
University of California, Irvine School of Medicine
- 2013-2015 Medical Director, Department of Otolaryngology–Head and Neck Surgery  
UC Irvine Medical Center

**BOARD CERTIFICATION**

2010 American Board of Otolaryngology, Diplomate

**AWARDS**

2010-2015 Best Doctors in America Award

2013-2015 Super Doctors Southern California Rising Stars Award

2015 Orange County Physician of Excellence

2014 ARI<sup>2</sup>SE Award Winner – Innovation, UC Irvine Health

2014 iPad innovation pilot program winner – UC Irvine School of Medicine

**TEXTBOOK AUTHORSHIP**

Dailey, SH, *Verma SP*. eds. Laryngeal Dissection and Surgery Guide. New York, NY: Thieme; 2013.

**MEDIA APPEARANCES**

“Tracheal Stenosis.” The Doctors TV Show. CBS. 13 Jan 2015.

Discussed subglottic and tracheal stenosis and performed transoral surgery for this condition.

“Baby unable to swallow.” The Doctors TV Show. CBS. 6 Nov 2014.

Examined a child with dysphagia and discussed her care.

“How aging affects the voice” The Doctors TV Show. CBS. 12 Oct 2012.

Discussed presbylarynx and methods to treat including vocal fold augmentation and thyroplasty.

“What the heck does that do?” The Doctors TV Show. CBS. 9 Mar 2012.

Performed endoscopy and explained the role of the uvula in voice and swallowing.

“How music affects your health.” The Doctors TV Show. CBS. 2 Nov 2011

Performed laryngostroboscopy of the larynx to demonstrate how people sing.

“Curiosity: World’s dirtiest man.” Discovery Channel. 23 Oct 2011

Performed transnasal esophagoscopy to demonstrate how people swallow.

## PUBLICATIONS

- Zlokovic BV, Jovanovic S, Miao W, Samara S, **Verma S**, Farrell CL. Differential regulation of leptin transport by the choroid plexus and blood-brain barrier and high affinity transport systems for entry into hypothalamus and across the blood-cerebrospinal fluid barrier. *Endocrinology*. 2000 Apr;141(4): 1434-41.
- Kutz JW, **Verma S**, Tan HT, Lo WW, Slattery WH, Friedman RA. Surgical management of skull base chondroblastoma. *Laryngoscope*. May, 2007. 117 (5): 848-53.
- Verma SP**, Stoddard T, Gonzalez-Gomez, I, Koempel JA. Histologic Analysis of Pediatric Tonsil and Adenoid Specimens: Is it really necessary? *International Journal of Pediatric Otorhinolaryngology*. 2009 Apr; 73 (4) 547-50.
- Verma SP**, Geller K. Persistent Buccopharyngeal Membrane: Report of a case and review of the literature. *International Journal of Pediatric Otorhinolaryngology*. 2009 Jun;73(6):877-80.
- Verma SP**, Sinha UK. Use of an oral sensory feedback device in the treatment of jaw-opening dystonia. *Otolaryngology Head Neck Surg*. 2009 Jul;141(1):142-3.
- Verma SP**, Dailey SH, McMurray JS, Jiang JJ, McCulloch TM. Implementation of a program for surgical education in laryngology. *Laryngoscope*. 2010 Nov;120(11):2241-6.
- Verma SP**, Dailey SH. Overcoming nasal discomfort – a novel method for office-based laser surgery. *Laryngoscope*. 2011 Nov;121(11):2396-8.
- Verma SP**, Smith ME, Dailey SH. Transnasal tracheoscopy. *Laryngoscope*. 2012 Jun;122(6):1326-30.
- Reder L, **Verma SP**, Kokot N. Hypopharyngeal hemangioma in an adult: a case report. *ENT Journal*. 2014 Oct-Nov;93(10-11):E26-8.
- Verma SP**. Office-based laryngopharyngeal biopsy. *Operative Techniques in Otolaryngology-Head and Neck Surgery*. 2012 September. 23(3): 203-205.
- Mahboubi H, **Verma SP**. Ambulatory laryngopharyngeal surgery: evaluation of the national survey of ambulatory surgery. *JAMA Otolaryngol Head Neck Surg*. 2013 Jan;139(1):28-31
- Coughlan C, **Verma SP**. Effects of a 532-nm KTP Laser on Commonly Used Supplies In Transoral Laser Surgery. *Otolaryngology-Head and Neck Surgery*. *Otolaryngology Head Neck Surgery*. 2013 Nov;149(5):739-44.
- Verma SP**, Dailey SH. Injection laryngoplasty for the management of unilateral vocal fold paralysis. *Journal of Voice*. 2014 May;28(3):382-6.
- Bhatt JM, Peterson E, **Verma SP**. Microbiological Sampling of the Forgotten Components of Flexible Fiberoptic Laryngoscopes: What Lessons Can We Learn? *Otolaryngology-Head and Neck Surgery*. 2014 Feb;150(2):235-6.

**PUBLICATIONS, continued**

- Verma SP**, Mahboubi H. The changing landscape of total laryngectomy surgery. Otolaryngology Head Neck Surgery. 2014 Mar;150(3):413-8.
- Mahboubi H, **Verma, SP**. Swallowing Disorders in the Ambulatory Medical Setting. Otolaryngology-Head and Neck Surgery. 2014 Apr;150(4):563-7.
- Bhatt JM, **Verma, SP**. Management of Glottic Insufficiency. Otorinolaryngologia 2014; 64: 101-7
- Haidar YM, Handwerker J, **Verma SP**. A patient with cough and dysphagia. JAMA Otolaryngol Head Neck Surg. 2014 Jul;140(7):673-4.
- Foulad A, Bui P, Dailey SH, Verma SP. VOCALSS: Versatile optimally constructed aid for laryngeal surgery simulation. Laryngoscope. 2015 May;125(5):1169-71.
- Sharma GK, **Verma SP**. Is nebulized lidocaine adequate topical anesthesia for diagnostic transnasal tracheoscopy? Annals of Otology, Rhinology & Laryngology 2015 Feb 4. pii: 0003489415570929. [Epub ahead of print]
- Sharma GK, Foulad A **Verma SP**. A novel device for measurement of subglottic stenosis in three dimensions during suspension laryngoscopy. JAMA Otolaryngology-Head & Neck Surgery. 2015 Apr 1;141(4):377-81. PMID: 25695842.
- Belafsky PC, Peake J, Smiley-Jewell SM, **Verma SP**, Dworkin-Valenti J, Pinkerton KE. Soot and house dust mite allergen cause eosinophilic laryngitis in an animal model. Laryngoscope. 2016 Jan;126(1):108-12. PMID: 26197967
- Balakrishnan V, Handwerker J, **Verma SP**. Giant Zenker diverticulum. Ear Nose Throat Journal. 2015 Aug;94(8):310-31. PMID: 26322448
- Balakrishnan V, Chandy Z, Hseih A, Bui TL, **Verma SP**. Readability and Understandability of Online Vocal Cord Paralysis Materials. Otolaryngol Head Neck Surg. 2016 Mar;154(3):460-4. PMID: 26861227
- Spinazzi EF, Abboud MT, Dubal PM, **Verma SP**, Park RC, Baredes S, Eloy JA. Laryngeal adenocarcinoma not otherwise specified: A population-based perspective. Laryngoscope. 2016 May 2. doi: 10.1002/lary.26055. [Epub ahead of print] PMID: 27140822
- Balakrishnan V, Chandy Z, **Verma SP**. Are Online Zenker's Diverticulum Materials Readable and Understandable? Otolaryngology Head Neck Surgery. 2016 Jun 21. pii: 0194599816655302. [Epub ahead of print] PMID: 27329416
- Sharma GK, Chin Loy A, Su E, Jing J, Chen Z, Wong BJ, **Verma SP**. Quantitative Evaluation of Adult Subglottic Stenosis Using Intraoperative Long-range Optical Coherence Tomography. Ann Otol Rhinol Laryngol. 2016 Jun 28. pii: 0003489416655353. [Epub ahead of print] PMID: 27354215.

**PUBLICATIONS, continued**

Coughlan CA, *Verma SP*. The Utility of Recurrent Laryngeal Nerve Monitoring During Open Pharyngeal Diverticula Procedures. *Ann Otol Rhinol Laryngol*. 2016 Aug;125(8):648-51 PMID: 27084587

**COMMITTEES AND BOARD MEMBERSHIP**

Patient Quality and Safety Officer. 2012-2015  
UC Irvine Department of Otolaryngology-Head and Neck Surgery

Operating Room Quality and Safety committee 2012-2015  
University of California, Irvine Medical Center

Executive Committee Member 2013-current  
Orange County Society of Head and Neck Surgery

Executive Board Member 2013-current  
Research Study Club, Los Angeles

**EDITORIAL BOARD**

Annals of Otolaryngology, Rhinology and Laryngology 2014-current

## ORAL SCIENTIFIC PRESENTATIONS

- Verma SP**, Sinha UK. Comparing the quality of life in patients following two different methods of pharyngeal reconstruction. Oral presentation. American College of Surgeons, Southern California Chapter Annual Meeting. Santa Barbara, California. January, 2004.
- Verma SP**, Sinha UK. Use of a novel dental appliance in the treatment of jaw-opening Dystonia. Pacific Coast Oto-Ophthalmologic Society, Annual Meeting. North Shore Oahu, Hawaii. June, 2007.
- Verma SP**, Stoddard T, Gonzalez- Gomez I, Koempel JA. Is histologic analysis of adenotonsillectomy specimens necessary? Pacific Coast Oto-Ophthalmologic Society, Annual Meeting. North Shore Oahu, Hawaii. June, 2007.
- Verma SP**, Dailey SH. Injection laryngoplasty for the management of unilateral vocal fold paralysis. Fall Voice Conference, International Association of Phonosurgery, UCSF. November 3, 2011.
- Verma SP**. Laryngology Case Studies. Invited Panelist. 80<sup>th</sup> Midwinter meeting of the Research Study Club, Los Angeles, California, February 11, 2012.
- Chin-Loy A, **Verma SP**. Evaluation of Subglottic Stenosis using Fourier Domain Long Range Optical Coherence Tomography. 93<sup>rd</sup> Annual meeting of the American Bronchoesophagological Association. Orlando, Florida. April 10, 2013.
- Mahboubi, H, **Verma SP**. Trends of Total Laryngectomy: Analysis of California Patient Discharge Data 1996 – 2010. 117th Annual Meeting of the American Academy of Otolaryngology –Head & Neck Surgery. Vancouver, Canada. October, 2013.
- Saffarzadeh A, **Verma SP**. Ten steps to develop patient education videos for individuals of all health literacy levels. 118th Annual Meeting of the American Academy of Otolaryngology –Head & Neck Surgery. Orlando, Florida. September, 2014.
- Kshirsagar RS, **Verma SP**. Risk factors for hospital readmission after neck dissection: Analysis of the 2011 National Surgical Quality Improvement Program. Triologic Society Annual Meeting. Chicago, Illinois. May 21, 2016

## POSTER PRESENTATIONS

- Wadhwa RP, **Verma SP**, Gupta RT, Go JL. Deep neck space infections and the pathogens that love them. American Society of Head and Neck Radiology, Annual Meeting. Seattle, Washington. October, 2007.
- Verma SP**, Stoddard T, Koempel JA. Is histologic analysis of pediatric adenotonsillectomy specimens necessary? American Society of Pediatric Otolaryngology Annual Meeting. Orlando, Florida. May, 2008.
- Verma SP**, Dailey SH. A novel pathway for resident education in laryngology. 131<sup>st</sup> Annual Meeting of the American Laryngological Association. Las Vegas, Nevada. April, 2010.
- Reder, L, **Verma SP**, Kokot N. Postcricoid hemangioma in an adult – a first reported case. 131<sup>st</sup> Annual Meeting of the American Laryngological Association. Las Vegas, Nevada. April, 2010
- Verma SP**, Dailey SH. Overcoming nasal discomfort – a novel method for office-based laser surgery. 132<sup>nd</sup> Annual Meeting of the American Laryngological Association. Chicago, Illinois. April, 2011.
- Mahboubi H, **Verma SP**. Ambulatory Laryngopharyngeal Surgery: A Comparison of the National Surveys of Ambulatory Surgery, 1996 And 2006. 133<sup>rd</sup> Annual Meeting of the American Laryngological Association. San Diego, California. April, 2012.
- Mahboubi H, **Verma SP**. Management of the dysphagic patient across different medical subspecialties – An analysis of the NAMCS. 92<sup>nd</sup> Annual Meeting of the American Bronchoesophageal Association. San Diego, California. April, 2012.
- Verma SP, Benninger M, Lorez R, McWhorter A, Bryson P. Endoscopic management of airway stenosis – a retrospective multinstitutional review. 93<sup>rd</sup> Annual meeting of the American Bronchoesophagological Association. Orlando, Florida. April, 2013.
- Coughlan C, **Verma SP**. Effects of a KTP Laser on Commonly Used Endotracheal Tubes in Head and Neck Surgery 117<sup>th</sup> Annual Meeting of the American Academy of Otolaryngology –Head and Neck Surgery. Vancouver, Canada. October, 2013.
- Bhatt J, **Verma SP**. Microbiological Sampling of Common Otolaryngological Office Equipment: What Lessons Can We Learn? 117<sup>th</sup> Annual Meeting of the American Academy of Otolaryngology –Head and Neck Surgery. Vancouver, Canada. October, 2013.
- Coughlan C, **Verma SP**. Safety Concerns of the line of sight and fiber based carbon dioxide laser. 117<sup>th</sup> Annual Meeting of the American Academy of Otolaryngology –Head and Neck Surgery. Vancouver, BC. October, 2013.



**POSTER PRESENTATIONS (continued)**

- Foulad AI, Bui PY, Wong BJB, Dailey SH, **Verma SP**. An easy-to-construct training simulator for open and endoscopic laryngeal surgery. Combined sections meeting of the Triologic Society. Miami, Florida. Jan, 2014.
- Coughlan C, **Verma SP**. The Utility of Recurrent Laryngeal Nerve Monitoring During Open Pharyngeal Diverticula Surgery. 135<sup>th</sup> Annual Meeting of the American Laryngological Association. Las Vegas, Nevada. May, 2014.
- Sharma GK, **Verma SP**. Is nebulized lidocaine adequate anesthesia for transnasal tracheoscopy? 94<sup>th</sup> Annual Meeting of the American Bronchoesophagological Association. Las Vegas, NV. May, 2014.
- Sharma GK, Foulad A, **Verma SP**. A novel device for intraoperative measurement of subglottic stenosis. 135th Annual Meeting of the American Laryngological Association. Las Vegas, NV. May, 2014.
- Verma SP**, Mohraz A, Mahboubi H. Evaluation of Heating and Shearing on the Viscoelastic Properties of Radiesse Voice. 135th Annual Meeting of the American Laryngological Association Las Vegas, NV. May, 2014.
- Saffarzadeh A, **Verma SP**. A First Look at eHealth Literacy and Internet Searching Behaviors of Otolaryngology Patients. 118th Annual Meeting of the American Academy of Otolaryngology –Head & Neck Surgery. Orlando, Florida. September, 2014.
- Kelley, K Merati AL, **Verma SP**. Barriers to implementation of office-based laryngology. 118th Annual Meeting of the American Academy of Otolaryngology –Head & Neck Surgery. Orlando, Florida. September, 2014.
- Saffarzadeh A, **Verma SP**. Implementation of a Novel iPad Video for Patient Education Prior to Flexible Laryngoscopy. 136th Annual Meeting of the American Laryngological Association. Boston, Massachusetts. April, 2015.
- Balakrishnan V, Coughlan C, Verma SP. Comparison of interactions between a fiber based and line-of-sight carbon dioxide laser with surgical supplies. 119th Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery. Dallas, TX. September 2015.
- Balakrishnan V, Verma SP. Readability and Understandability of Online Vocal Cord Paralysis Materials. 119th Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery. Dallas, TX. September 2015.
- Balakrishnan V, Verma SP. Are Online Zenker’s Diverticulum Articles Readable and Understandable. 119th Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery. Dallas, TX. September 2015.

#### BOOK CHAPTERS

**Verma SP**, Dailey SH. “How to evaluate the hoarse patient.” New York Eye and Ear Infirmary Handbook of Otolaryngology.

**Verma SP**, Dailey SH. “Office-Based Laryngeal Surgery.” Clinical Laryngology. Melin Tan, Editor.

**Verma SP**, Dailey SH. “Office-Based Laryngology.” In Recent Advances in Otolaryngology- Head and Neck Surgery. 2<sup>nd</sup> Edition. Anil Lalwani and Markus Pfister, Eds.

Tjoa T, **Verma SP**: The History of Laryngology. In Sataloff RT (ed): Comprehensive Textbook of Otolaryngology – Head and Neck Surgery. Philadelphia, Jaypee Brothers Medical Publishers, 2015.

Armstrong WB, Vokes D, **Verma SP**. “Laryngeal Cancer.” Cummings’ Otolaryngology Head and Neck Surgery. 6<sup>th</sup> Edition. Charles Cummings Ed.

#### ONLINE CHAPTERS

**Verma SP**, Kokot N. Video Laryngoscopy and Fiberoptic Assisted Tracheal Intubation Tracheal Intubation,. eMedicine from WebMD. 3 Nov 2010. <http://emedicine.medscape.com/article/110880-overview>

**Verma SP**, Dailey SH. Transcutaneous Injection Laryngoplasty. eMedicine from WebMD. 13 May 2010. <http://emedicine.medscape.com/article/1663452-Overview>

Tjoa T, **Verma SP**. Throat anatomy. eMedicine from WebMD. 29 June 2011. [http://emedicine.medscape.com/article/1663452- Overview](http://emedicine.medscape.com/article/1663452-Overview)

Yau Y, **Verma SP**. Laryngeal Nerve Anatomy. eMedicine from WebMD. <http://emedicine.medscape.com/article/1923100-overview>

## **INVITED PRESENTATIONS**

- “Laser surgery of the head and neck. Wisconsin Society of Otolaryngology-Head and Neck Surgery Annual Meeting. October, 2009.
- “Office-Based Laryngeal Surgery.” October 9, 2009. Grand Rounds. University of Southern California, Keck School of Medicine, Department of Otolaryngology-Head and Neck Surgery.
- “Laser Surgery in Laryngology.” December 2, 2009. Grand Rounds. University of California – Irvine School of Medicine, Department of Otolaryngology.
- “Laser Laryngeal Surgery.” December 17, 2009. Grand Rounds. Stanford University School of Medicine, Department of Otolaryngology-Head and Neck Surgery.
- “Hoarseness.” September 22, 2010. Family Practice Lecture Series. University of California, Irvine School of Medicine, Department of Family Practice Medicine.
- “The Larynx.” September 23, 2010. Vocal Workshop. California State University Fullerton, Department of Music.
- “The Larynx.” September 23, 2010. Santa Ana College, Department of Music.
- “Voice Disorders.” October 1, 2010. Family Practice Lecture Series. Whittier Presbyterian Hospital, Department of Family Practice Medicine.
- “Hoarseness.” October 4, 2010. Family Practice Lecture Series. Long Beach Memorial Hospital, Department of Family Practice Medicine.
- “Swallowing Disorders.” October 12, 2010. Family Practice Lecture Series. University of California, Irvine School of Medicine, Department of Family Practice Medicine.
- “How to protect your voice.” October 27, 2010. Santa Ana College, Department of Music.
- “Your voice.” November 5, 2010. Chapman University, Department of Music.
- “Spasmodic Dysphonia.” November 10, 2010. Grand Rounds. University of California, Irvine School of Medicine. Department of Neurology.
- “Protecting your larynx.” November 12, 2010. University of California, Irvine. Department of Drama.
- “Your voice.” November 15, 2010. California State University Long Beach – Musical Theatre Department.
- “Protecting your larynx.” November 15, 2010. University of California, Irvine. Department of Music.

**INVITED PRESENTATIONS, continued**

- “Neurolaryngology – Focus on Spasmodic Dysphonia.” Grand Rounds. November 17, 2010. University of California, Irvine School of Medicine. Department of Otolaryngology-Head and Neck Surgery.
- “Evaluation and Management of the Hoarse Patient.” November 18, 2010. Family Practice Lecture Series. Downey Regional Medical Center. Department of Family Medicine.
- “Voice.” November 30, 2010. Music Department. Orange County High School of the Arts.
- “Laser laryngeal surgery: from the OR to the office.” 79<sup>th</sup> Midwinter meeting of the Research Study Club. Los Angeles, California. January 15, 2011.
- “Zenker’s Diverticulum – Keys to management.” Otolaryngology Updates. Indian Wells, California. February 22, 2011.
- “All that’s hoarse is not reflux.” Featured speaker at the 35<sup>th</sup> Annual California Association of Physician Assistants Annual Meeting. February 26, 2011.
- “Laser Laryngology.” March 3, 2011. Kaiser Permanente Department of Head and Neck Surgery Grand Rounds. Anaheim, California.
- “Laryngology for the General Surgeon.” March 24, 2011. University of California-Irvine Department of Surgery Grand Rounds Series. Irvine, California.
- “Voice Disorders” April 18, 2011. Placentia Yorba Linda Hospital Grand Rounds. Yorba Linda, California.
- “Vocal Process Granuloma.” Clinical Update in Otolaryngology. UC Irvine Department of Otolaryngology. June 10, 2011
- “Office-based Laryngology” June 26, 2011. Pacific Coast Oto-Ophthalmologic Society 95th Annual Meeting. North Shore Oahu, Hawaii.
- “Laryngology Case Studies.” Panel Moderator. June 26, 2011. Pacific Coast Oto-Ophthalmologic Society 95th Annual Meeting. North Shore Oahu, Hawaii.
- “Vocal Process Granulomas.” 80<sup>th</sup> Midwinter meeting of the Research Study Club, Los Angeles, California. February 11, 2012.
- “Modern day management of Zenker’s Diverticulum.” 80<sup>th</sup> Midwinter meeting of the Research Study Club, Los Angeles, California. February 11, 2012.
- Environmental laryngitis – It’s not all reflux! 7th Annual Advanced Practices in Voice and Dysphagia Conference. Las Vegas, Nevada. February 27, 2012.

**INVITED PRESENTATIONS, continued**

- The esophageal screen study as an adjunct to a modified barium swallow study. 7th Annual Advanced Practices in Voice and Dysphagia Conference. Las Vegas, Nevada. February 27, 2012.
- Botulinum toxin in the management of laryngeal disorders. Otolaryngology Updates. Palm Desert, California. February 20, 2012.
- Management of vocal process granulomas. Otolaryngology Updates. Palm Desert, California. February 21, 2012.
- “Surgical Management of Dysphagia.” May 11, 2012. Grand Rounds. University of Southern California School of Medicine. Department of Otolaryngology-Head and Neck Surgery.
- “Sinusitis.” June 24, 2012. Citrus Valley Hospital Grand Rounds. Covina, California.
- “Minimally Invasive Surgery.” June 29, 2012. Fountain Valley Medical Center Grand Rounds. Fountain Valley, California.
- “Sinusitis.” July 2, 2012. Los Alamitos Medical Center Grand Rounds. Los Alamitos, California.
- “How I do it – Management of a Vocal Process Granuloma” 13<sup>th</sup> Binennial Phonosurgery Symposium. Madison, Wisconsin. July 14, 2012.
- “Office-Based Laryngology – from cough to cancer.” Los Angeles Society of Otolaryngology - Head and Neck Surgery.
- “Pediatric sinusitis.” January 3, 2013. Fountain Valley Medical Center Grand Rounds. Fountain Valley, California.
- “The financial impact of health care reform on hospitals and physicians.” March 26, 2013. Centinela Hospital Medical Center Grand Rounds. Inglewood, California.
- “The financial impact of health care reform on hospitals and physicians.” May 1, 2013. Good Samaritan Hospital Grand Rounds, Los Angeles, California.
- “The financial impact of health care reform on hospitals and physicians.” May 15, 2013. Tri-Valley Medical Center Grand Rounds, Hawaiian Gardens, California.
- “Vocal process lesions.” June 12, 2013. UC Irvine Department of Otolaryngology-Head and Neck Surgery Grand Rounds. Orange, California.
- “The financial impact of health care reform on hospitals and physicians.” July 23, 2013. Garden Grove Medical Center Grand Rounds, Garden Grove, California.
- “Management of Zenker’s Diverticulum.” August 13, 2013. Loma Linda University Department of Otolaryngology-Head and Neck Surgery Grand Rounds. Loma Linda, California.

**INVITED PRESENTATIONS, continued**

“Health care reform.” October 16, 2013. Huntington Beach Hospital Grand Rounds, Huntington Beach, California.

Laryngeal Cancer. UC Irvine Department of Otolaryngology-Head and Neck Surgery. February 19, 2014.

“Care of the professional voice”. February 28, 2014. University of Southern California Student Health Center Grand Rounds.

“Endoscopic management of airway stenosis.” Otolaryngology Updates. La Quinta, California. March 18, 2014.

“Vocal Fold Injection Laryngoplasty.” Otolaryngology Updates. La Quinta, California. March 18, 2014.

“Surgical management of cricopharyngeal dysfunction.” April 25, 2014. University of Pittsburgh Voice Center Grand Rounds.

“Office Based Laryngeal Surgery.” April 25, 2014. ENT for the PA-C Fourth Annual Conference. Pittsburgh, PA.

“Help! My throat is on fire!.” April 25, 2014. ENT for the PA-C Fourth Annual Conference. Pittsburgh, PA.

“Phonosurgery.” May 21, 2014. Division of Otolaryngology-Head and Neck Surgery Grand Rounds. Dartmouth-Hitchcock Medical Center. Hanover, NH.

“Interesting cases in laryngology.” May 21, 2014. Division of Otolaryngology-Head and Neck Surgery case conference. Dartmouth-Hitchcock Medical Center. Hanover, NH.

“Update on the Affordable Care Act.” June 4, 2014. Good Samaritan Hospital Grand Rounds, Los Angeles, California

“Office evaluation of noisy breathing.” July 11, 2014. 14<sup>th</sup> Binennial Phonosurgery Symposium. Madison, Wisconsin. .

“KTP laser surgery workshop.” July 12, 2014. 14<sup>th</sup> Binennial Phonosurgery Symposium. Madison, Wisconsin.

“Ten things that have made me a better laryngeal surgeon.” 83rd Midwinter meeting of the Research Study Club, Los Angeles, Los Angeles, California. February 7, 2015.

“Bilateral vocal fold impairment.” Otolaryngology Updates. Palm Desert, California. February 14, 2015.

**INVITED PRESENTATIONS, continued**

- “Office-Based Laryngoscopy Primer” Otolaryngology Updates. Palm Desert, California. February 14, 2015.
- “The difficult laryngology patient – case studies”. Panel Moderator. Otolaryngology Updates. Palm Desert, California. February 14, 2015.
- “Management of cricopharyngeal dysfunction” 7<sup>th</sup> Annual Gastroenterology and Hepatology Symposium. Anaheim, California. March 6, 2015.
- “Surgical Management of Dysphagia” ENT for the PA-C Annual Meeting. Newport Beach, California. March 20, 2015.
- “Update on health care reform.” Chino Valley Medical Center, Glendora Community Hospital, San Dimas Community Hospital and Montclair Hospital Medical Center combined annual Doctor’s Day celebration. Pomona, California. April 21, 2015.
- “Surgery for dysphagia.” Grand Rounds. Stanford University School of Medicine, Department of Otolaryngology-Head and Neck Surgery. Palo Alto, California. September 22, 2015.
- “Vocal fold dysplasia. Now what?” 84th Midwinter meeting of the Research Study Club, Los Angeles, Los Angeles, California. January 29, 2016.
- “Open Surgery for Zenker's Diverticulum - A Lost Art” Rancho Mirage, California. February 16, 2016.
- “Vocal Fold Leukoplakia: Modern Day Management” Otolaryngology Updates. Rancho Mirage, California. February 16, 2016.
- “Cough, Phlegm and Globus. Oh My!” Sin City Laryngology. Las Vegas, NV. February 21, 2016.

**EDUCATIONAL INSTRUCTION – COURSE DIRECTOR**

Laryngeal Dissection Course, University of Wisconsin, Madison

- Co-designed, directed, and taught a course on laryngeal anatomy and surgery using cadaver larynges for otolaryngology residents. Included the development of a dissection atlas.

Hands-On Laryngology. Course Director. UC Irvine Otolaryngology Updates. Indian Wells, California. February 19, 2011

- Designed and taught a laryngeal anatomy and surgery course using cadaveric larynges for practicing otolaryngologists.

Otolaryngology for the Primary Care Provider. Course Director. Irvine, California. April 2, 2011.

- Designed and directed a CME activity attended by over 80 primary care providers.

Otolaryngology for the Primary Care Provider. Program Chair and Course Director  
Course Director. Irvine, California. May 11, 2013

Research Study Club, 84<sup>th</sup> Annual Meeting. Program Chair and Course Director. Los Angeles, California. February 6-7, 2015.

Laryngology Mini-Seminar; Otolaryngology Updates. Course Director. Palm Desert, California. February 14, 2015

ENT for the PA-C Annual Meeting. Program Chair and Medical Director. Newport Beach, California. March 19-22, 2015.

Research Study Club, 85<sup>th</sup> Annual Meeting. Program Chair and Course Director. Los Angeles, California. January 29-30, 2016.



## **EDUCATIONAL INSTRUCTION**

- “Tears Free Office-Based Laryngology Procedures.” Instructional Course. 115<sup>th</sup> Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery. San Francisco, California. September 14, 2011.
- “Contemporary Management of Adult Airway Stenosis.” Instructional Course. 116<sup>th</sup> Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery. Washington, DC. September 11, 2012.
- “Tears Free Office-Based Laryngology Procedures.” Instructional Course. 116<sup>th</sup> Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery. Washington, DC. September 11, 2012.
- “Injection Laryngoplasty: Contemporary Indications and Techniques” Moderator. 117<sup>th</sup> Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery. Vancouver, BC. September 29, 2013.
- “Contemporary Management of Adult Airway Stenosis.” Instructional Course. 117<sup>th</sup> Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery. Vancouver, BC. September 30, 2013.
- “Practical Management of Complications in Otolaryngology” Miniseminar. Moderator. 117<sup>th</sup> Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery. Vancouver, BC. October 1, 2013.
- “Contemporary Management of Adult Airway Stenosis.” Instructional Course. 118<sup>th</sup> Annual Meeting of the American Academy of Otolaryngology –Head & Neck Surgery. Orlando, Florida. September, 2014.
- “Contemporary Management of Vocal Fold Paralysis.” Miniseminar, Moderator. 118<sup>th</sup> Annual Meeting of the American Academy of Otolaryngology –Head & Neck Surgery. Orlando, Florida. September, 2014.
- “Contemporary Management of Adult Airway Stenosis.” Instructional Course. 119<sup>th</sup> Annual Meeting of the American Academy of Otolaryngology –Head & Neck Surgery. Dallas, Texas. September, 2015.
- “Contemporary Management of Adult Airway Stenosis.” Instructional Course. 120<sup>th</sup> Annual Meeting of the American Academy of Otolaryngology –Head & Neck Surgery. San Diego, California. September, 2016.

**INVITED EDUCATIONAL INSTRUCTION**

Scripps Center for Voice and Swallowing, FEES course. Invited Instructor. December 5, 2010. La Jolla, California.

“Evaluation and Management of Voice Disorders.” Otolaryngology for the Primary Care Provider. Irvine, California. April 2, 2011.

“The Irritable Throat.” Otolaryngology for the Primary Care Provider. Irvine, California. April 2, 2011.

“Sleep Apnea: Tips for diagnosis and management.” Otolaryngology for the Primary Care Provider. Irvine, California. April 2, 2011.

## **OTOLARYNGOLOGY BOARD REVIEW INSTRUCTION**

“Laryngology” Otolaryngology Board Review Series. The Osler Institute.

Tampa, Florida. January 26, 2011  
Chicago, Illinois. April 13, 2011  
Indianapolis, Indiana. August 6, 2011  
Tampa, Florida, January 23, 2012  
Chicago, Illinois. March 28, 2012  
Chicago, Illinois. September 30, 2012  
Atlanta, Georgia. January 12, 2013.  
Chicago, Illinois. April 24, 2013.

“Obstructive Sleep Apnea.” Otolaryngology Board Review Series. The Osler Institute.

Tampa, Florida. January 26, 2011  
Chicago, Illinois. April 13, 2011  
Indianapolis, Indiana. August 6, 2011  
Tampa, Florida, January 23, 2012  
Chicago, Illinois. March 28, 2012  
Chicago, Illinois. September 30, 2012  
Atlanta, Georgia. January 12, 2013  
Chicago, Illinois. April 24, 2013

“Otolaryngology Cases” Otolaryngology Board Review Series. The Osler Institute.

Tampa, Florida. January 26, 2011  
Chicago, Illinois. April 13, 2011  
Indianapolis, Indiana. August 6, 2011  
Tampa, Florida, January 23, 2012  
Chicago, Illinois. March 28, 2012  
Chicago, Illinois. September 30, 2012  
Atlanta, Georgia. January 12, 2013  
Chicago, Illinois. April 24, 2013

“Rhinology.” Otolaryngology Board Review Series. The Osler Institute.

Tampa, Florida. January 26, 2011  
Chicago, Illinois. April 13, 2011  
Indianapolis, Indiana. August 6, 2011  
Tampa, Florida, January 23, 2012  
Chicago, Illinois. March 28, 2012  
Chicago, Illinois. September 30, 2012  
Atlanta, Georgia. January 12, 2013  
Chicago, Illinois. April 24, 2013

Mock Oral Board Exams. Otolaryngology Board Review Series. The Osler Institute.

Chicago, Illinois. April, 2011  
Chicago, Illinois. March, 2012  
Chicago, Illinois. April, 2013

### **MEDICAL STUDENT EDUCATION**

“Intro to Laryngology.” University of California, Irvine, School of Medicine, Class of 2013. Orange, California. February 5, 2011.

“Head and Neck Physical Exam.” University of California, Irvine, School of Medicine, Class of 2013. Orange, California. February 5, 2011.

“Intro to Laryngology.” University of California Irvine, School of Medicine, Class of 2014. Orange, California. February 4, 2012.

“Surgical Anatomy of the Larynx.” Gross Anatomy. University of California, Irvine School of Medicine. Irvine, California. June 1, 2012.

“Laryngeal anatomy” University of California, Irvine School of Medicine. Irvine, California. June 1, 2013.

### **COMMUNITY EDUCATION**

“The effect of aging on voice and swallowing.” October 18, 2010. Walnut Village retirement community. Anaheim, California.

“The effect of aging on voice and swallowing.” October 28, 2010. Brea Senior Center, Brea, California.

“Aging and the throat.” January 5, 2010. Costa Mesa Senior Center. Costa Mesa, California.

“The aging larynx.” February 9, 2010. Emerald Court. Anaheim, California.

“The effect of aging on voice and swallowing.” February 15, 2010. Florence Sylvester Memorial Center. Laguna Beach, California.

“The effect of aging on voice and swallowing.” October 4, 2011. Norman P. Murray Senior Center. Mission Viejo, California.

“The effect of aging on voice and swallowing.” October 11, 2011. Florence Sylvester Memorial Center. Laguna Beach, California.

“The effect of aging on voice and swallowing.” March 6, 2012. University Club. Irvine, California.

### **MEDICAL LICENSURE**

2005- pres California Medical License

2009-2010 Wisconsin Medical License

### **PEER REVIEWER**

2008- pres Laryngoscope

2010- pres Lasers in Medical Science

2013- pres Dysphagia

2013- pres Annals of Otolaryngology, Rhinology and Laryngology

## **MEMBERSHIP**

American Academy of Otolaryngology-Head and Neck Surgery  
2011-current  
Indian Medical Association of Southern California – Life Member  
2011-current  
American Laryngological Association – Post Graduate Member  
2011-current  
Pacific Coast Oto-Ophthalmologic Society  
2011-current  
Orange County Society of Otolaryngology-Head and Neck Surgery  
2010-current

## **EMPLOYMENT**

1998-2002 The Princeton Review

- Taught MCAT preparatory classes to undergraduate students

2001-2002 University of Southern California, School of Dentistry

- Provided instruction in head and neck anatomy and performed cadaver dissections for first year dental students

## **VISITING OBSERVERSHIPS**

Peter Belafsky, M.D, Ph.D, M.P.H, UC Davis Voice and Swallowing Center  
October, 2010

Lucian Sulica, M.D, Center for the Voice, Weill Cornell Medical Center  
April, 2011

Priya Krishna, M.D, Loma Linda Voice Center  
August, 2013

Paul Bryson, M.D, Cleveland Clinic Voice Center  
November, 2013

Clark Rosen, M.D, University of Pittsburgh Voice Center  
April, 2014

## **INTERESTS**

The Boy Scouts of America

- Eagle Scout awarded in 1995

Fluent in Spanish

Avid tennis player, average runner and ultimate frisbee enthusiast